PEO Ships Overview

Colonel David Thompson

22 July, 2014

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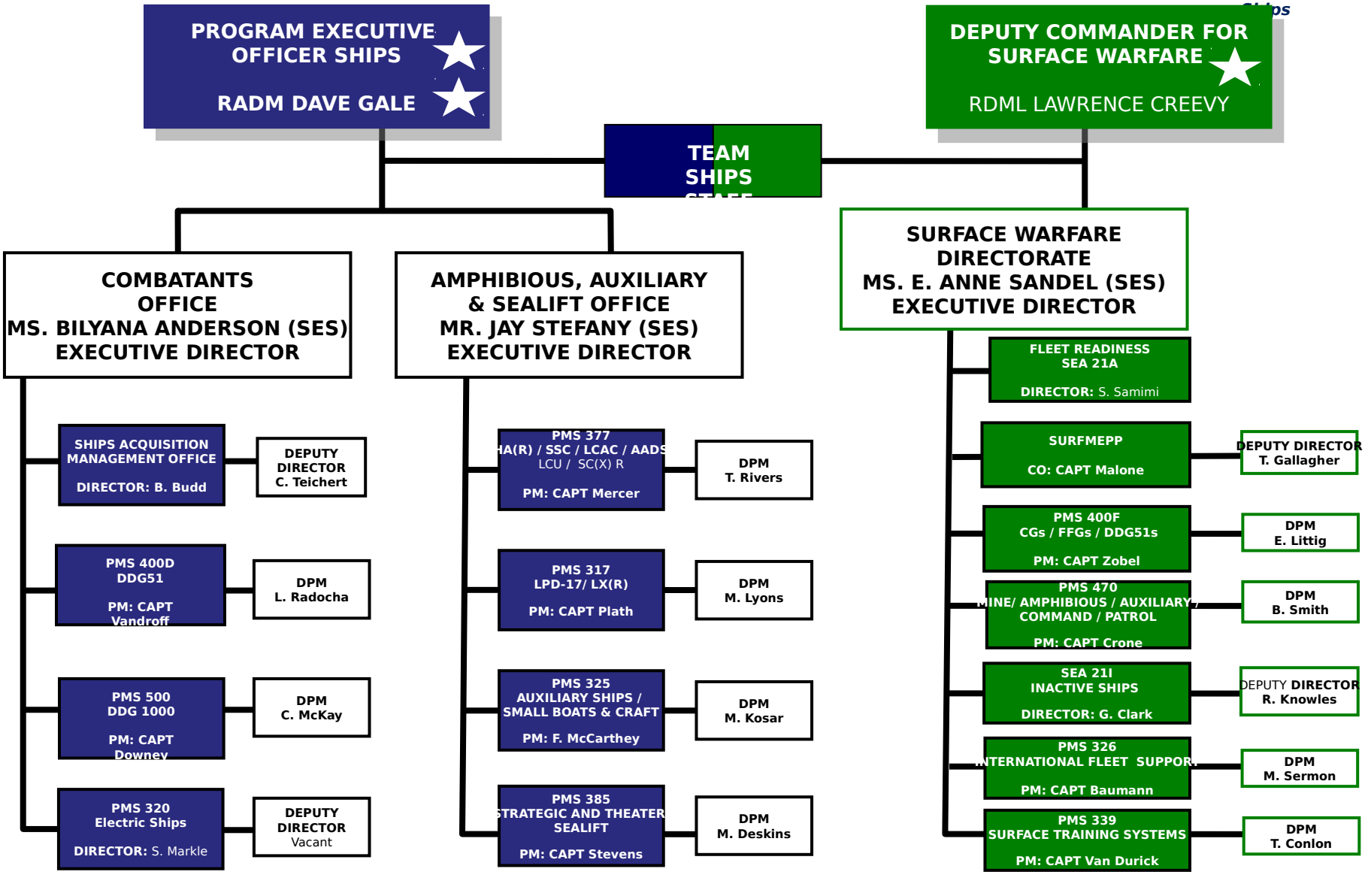
Team Ships Organization



PEO Ships Portfolio

- **40 USN / MSC surface ships currently under contract or construction in PEO Ships portfolio**
- **Over 135 FMS cases for over 70 international customers**
- **In FY13, delivered 5 Navy ships and 79 USN boats and craft**
  - **Thus far in FY14, delivered 4 Navy ships with 1 more planned for delivery**

9 ACAT I Programs

PEO Ships Workload

Program Executive Office, SHIPS

Ships Under Construction	Add'l Ships Under Contract	Pending Award (FY14)	Deliveries (FY14)		Future Contracts
4 DDG 51 class (DDG 113, 114, 115, 116)	10 ships (DDG 117-126, FY13-17 MYP)		----		DDG 51 FLT III
3 DDG 1000 class (DDG 1000, 1001, 1002)			---- ✔		----
2 LPD 17 class (LPD 26, 27)			✔ 1 LPD (LPD 25)		LX(R) (FY20)
1 LHA (LHA 7)			✔ 1 LHA (LHA 6)		LHA 8 (FY17)
3 JHSV (JHSV 4-6)	4 JHSV (JHSV 7-10)		1 JHSV (JHSV 3) / 1 JHSV (JHSV 4)		----
1 T-AGS (T-AGS 66)			✔ ----		T-ATF (FY17)
1 MLP AFSB (MLP 3 AFSB)		1 MLP AFSB (MLP 4 AFSB)	1 MLP (MLP 2)		MLP AFSB (FY17)
2 AGOR (AGOR 27, 28)			----		T-AO(X) (FY16)
	9 SSC (SSC 1-9)		----		SC(X)(R) (FY18)
17					

FY 14 Deliveries: 4 Ships Delivered, and 1 to go

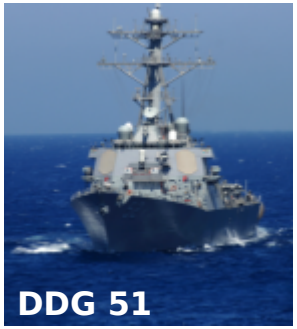
PEO Ships Acquisition Programs

Program Executive Office, Ships

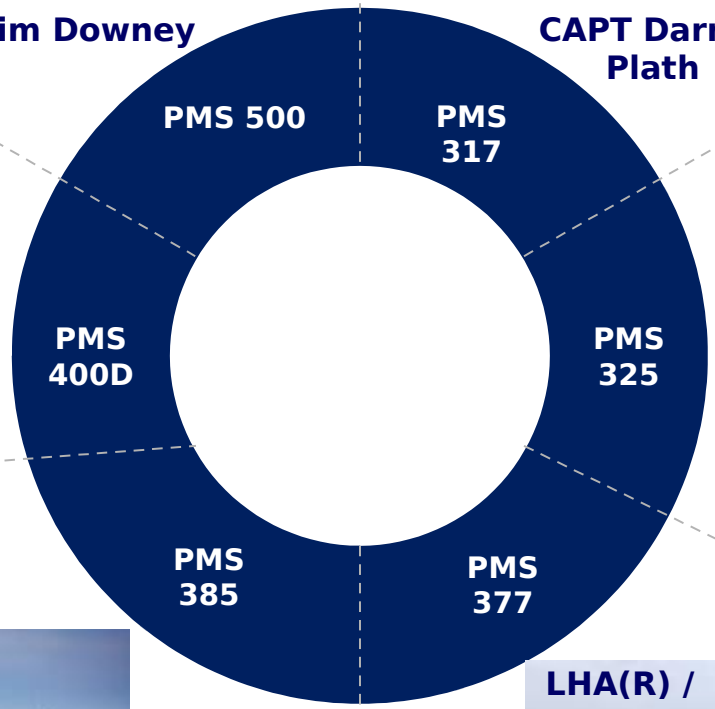
Six PMSs
9 ACAT I
2 ACAT II
3 ACAT III
1 ACAT IV-T
29 NON-ACAT
FMS

CAPT Jim Downey

CAPT Darren Plath



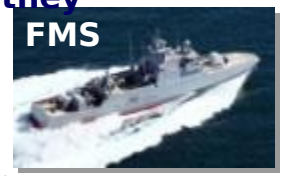
CAPT Mark Vandroff



Frank McCarthey

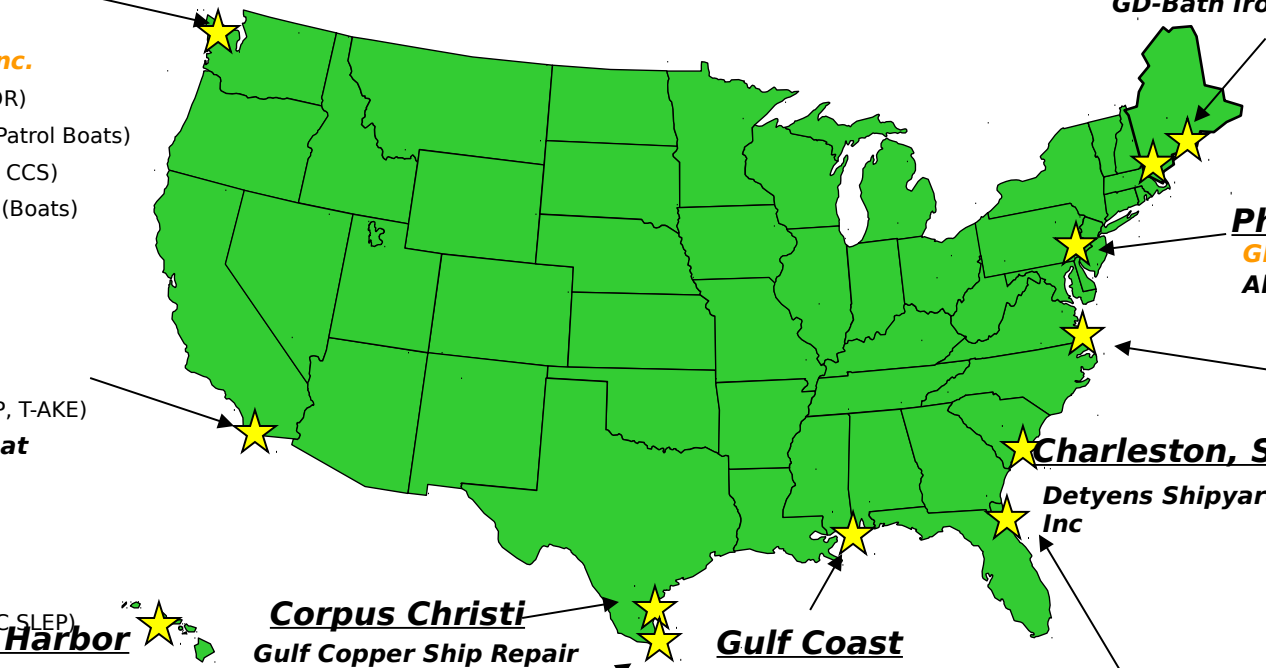
CAPT Henry Stevens

CAPT Chris Mercer



Source: FY09, FY10, FY11, FY12, FY13 AND FY14 PRESBUD PBIS Controls

Where We Do Business



Washington

NWRMC
Puget Sound NSY
George G. Sharp, Inc.
Dakota Creek* (AGOR)
SAFE Boats* (MK VI Patrol Boats)
Vigor Marine* (MLP CCS)
Modutech Marine* (Boats)
PACSHIP
PCE, Inc

Bath

GD-Bath Iron Works* (DDG 1000, DDG 51)

Philadelphia

Global Associates
Aker

San Diego

SWRMC
GD-NASSCO* (MLP, T-AKE)
Marine Group Boat Works
BAE San Diego
PACSHIP
Continental (HII)
L3 Unidyne* (LCAC SLEP)

Norfolk

NSSA
Norfolk NSY
L3 Unidyne* (LCAC SLEP)
BAE Norfolk
Colonna's
GD-NASSCO-Earl
MHI
East Coast Repair & Fab

Charleston, SC

Detyens Shipyards, Inc

Pearl Harbor

HRMC
Pearl Harbor NSY
Ship Maintenance
Marisco
BAE Hawaii

Corpus Christi

Gulf Copper Ship Repair

Gulf Coast

HII Ingalls* (LPD 17, DDG 51, LHA(R))
HII Gulfport* (LPD 17, DDG 1000)
HII Avondale* (LPD 17)
Austal USA* (JHSV, LCS)
VT Halter* (T-AGS 66, EN FMC)
Textron* (SSC)
RiverHawk* (Iraqi OSV)
Swiftships* (Iraqi 35M PB)
Master Marine, Inc
Walashek Industrial & Marine, Inc

Brownsville

International Shipbreaking
ESCO Marine

Jacksonville

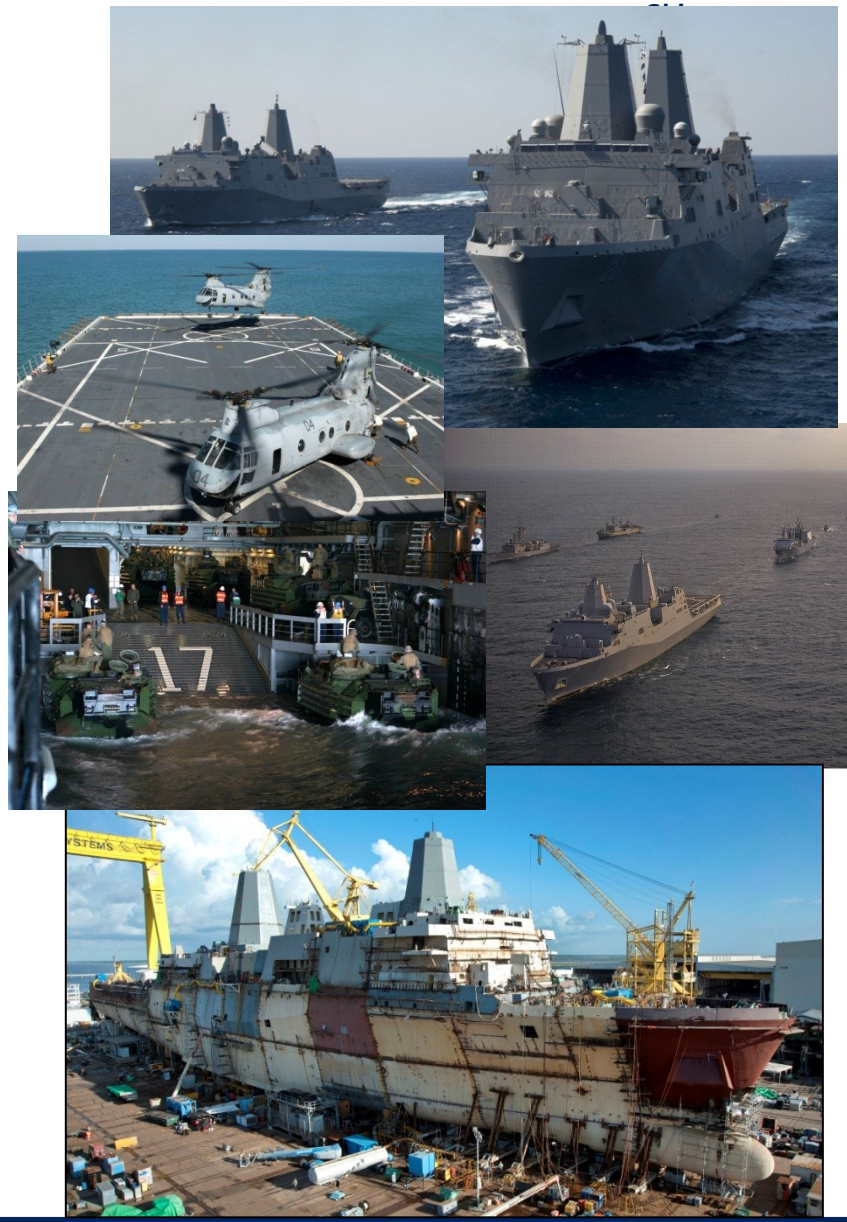
SERMC
BAE Southeast
North Florida Shipyards, Inc
GD-NASSCO-Earl
RiverHawk (Tampa)* (Iraqi OSV)

Private Yards
RMCs
NSYs
Inactive Fleet Depots

* New Construction Yards

San Antonio (LPD 17) Class

- **Program Capability**
  - LPD 17 functionally replaces LPD 4, LSD 36, LKA 113, and LST 1179 classes of amphibious ships for embarking, transporting controlling, inserting, sustaining, and extracting elements of a Marine Air-Ground Task Force and supporting forces by helicopters, tilt rotors, landing craft, and amphibious vehicles.
  - LPD 17 class hulls are flexible, multi-mission ships with capabilities that span the range of military operations--from forward deployed crisis response to forcible entry operations.
  - LPD 17 missions encompass all six core capabilities of the Maritime Strategy: 1) Forward Presence, 2) Deterrence, 3) Sea Control, 4) Power Projection, 5) Maritime Security, and 6) Humanitarian Assistance / Disaster Response.
- **Program Status**
  - LPD 17 – 25 commissioned
  - LPD 26 – 27 under construction in Pascagoula, MS
    - LPD 26 scheduled to deliver FY16



LX (R) Class

- **Program Capability**
  - Deploy overseas as part of a three-ship Amphibious Ready Group (ARG) with LHA or LHD and LPD 17 with embarked Marine Expeditionary Unit (MEU) to provide forward presence and crisis response.
  - Operate in an Amphibious Task Force (ATF), notionally composed of five LHAs or LHDs, five LPDs, and five LSDs with an embarked Marine Expeditionary Brigade (MEB) capable of conducting forcible entry operations in a conventional campaign or major combat operation.
  - Operate ship independently for engagement operations (such as Global Fleet Station).

- **Program Status**
  - Analysis of Alternatives completed
  - Milestone A planned FY15
  - Procurement planned in FY20

LHA(R) Amphibious Assault Ship

- **Program Capability**
  - Supports expeditionary operations
  - LHA 6 (USS AMERICA) is designed for expanded aviation capabilities
    - Expanded aviation capabilities (12 MV-22s, 4 CH-53s, 4 AH-1s, & 6 F-35Bs)
- **Program Status**
  - LHA 6 began construction, Dec 2008; Delivered Oct 2012
    - Delivered in Apr 2014
    - Sailed away in Jul 2014
  - LHA 7 DD&C contract awarded to HII in May 2012
    - Delivery scheduled in FY18
  - LHA 8 incorporates well deck
    - Competitive award anticipated in FY17

Material Solution Analysis	Technology Maturation & Risk	Engineering & Manufacturi Development	Production & Deployment	Operations & Support

Landing Craft Air Cushioned (LCAC) Service Life Extension (SLEP) and Landing Craft Utility

LCAC SLEP

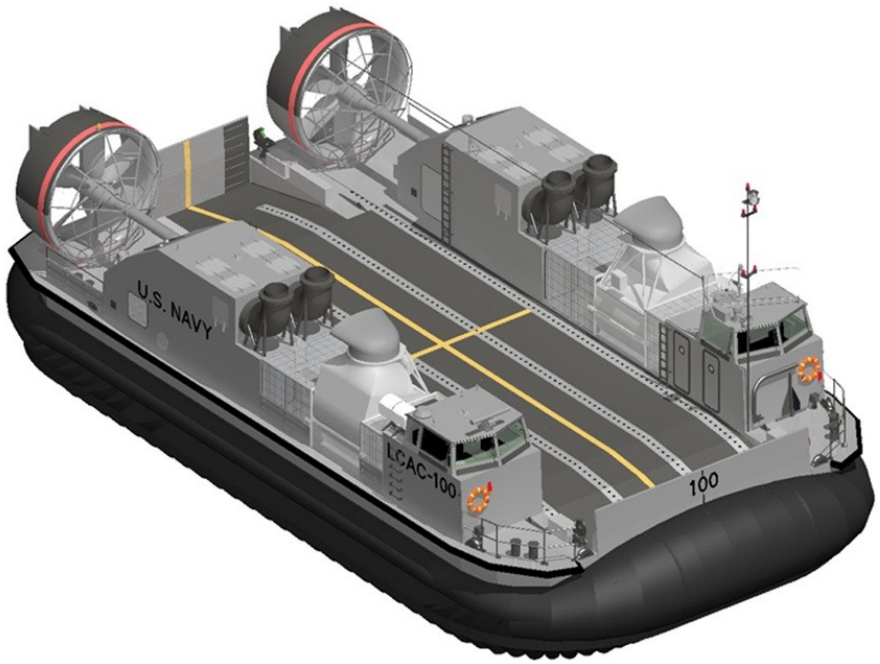
- **Current Craft Inventory**
  - 72 Craft in SLEP Program of Record
    - 48 SLEP Craft Delivered
    - 4 Craft Undergoing SLEP
    - 6 Craft Pending SLEP Contract Award
    - 14 Craft Planned for SLEP in FY15-18

LCU

- **Current Craft Inventory**
  - 32 Craft in the Fleet

Ship to Shore Connector (SSC)

- **Program Capability**
  - Replacing current LCAC
  - Support rapid movement of USMC forces from the sea base over the beach & supports humanitarian efforts
  - Provide greater payload capacity than current LCAC (designed to transport M1A1 with mine plow from 25 nautical miles in Sea State 3/4)



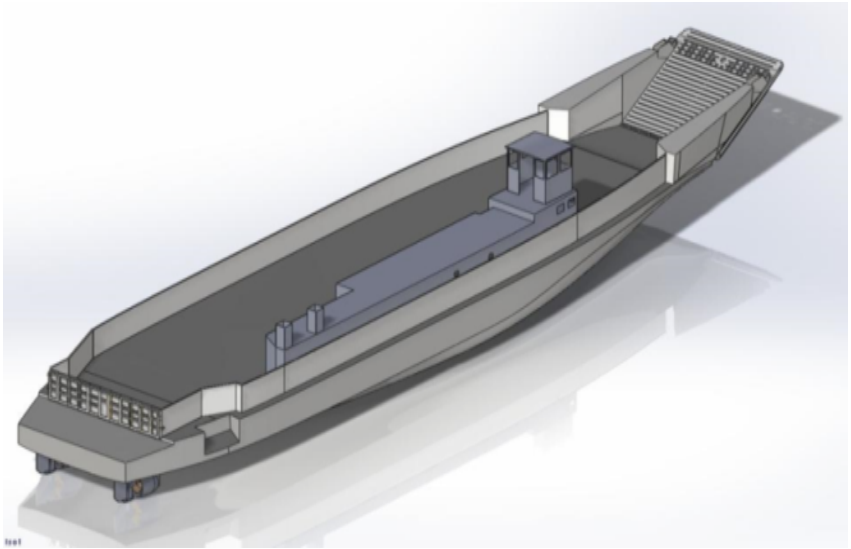
- **Program Status**
  - Milestone B approved in May 2012
  - Competitive contract awarded to Textron in July 2012 for up to 9 vehicles
    - Start Construction – 2014
    - Delivery of 1st vehicle – Aug 2017
  - Total inventory of 72 vehicles

Material Solution Analysis	Technology Maturation & Risk	Engineering & Manufacturi Development	Production & Deployment	Operations & Support

Surface Connector (X) Replacement (SC(X)R)

- **PB 15 Build Profile**
  - FY 18 – 1 craft
  - FY 19 – 2 craft
  - 32 craft total

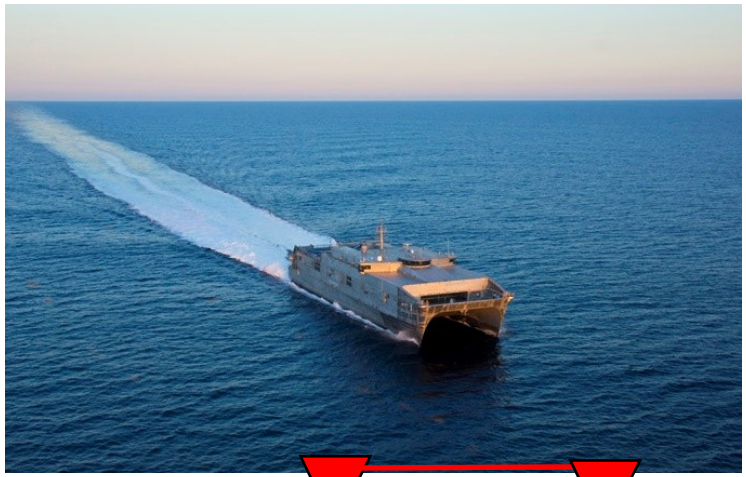
- **Program Accomplishments to Date:**
  - Naval Capabilities Board (NCB) Gate 1 Review
  - Analysis of Alternatives (AoA) Scope and Tasking Directive
  - Materiel Development Decision
  - Approval of Initial Capabilities Document (ICD) by Navy and Joint Logistics Functional Capabilities Board
  - Joint Designation
  - AoA in progress



Joint High Speed Vessel (JHSV)

- **Program Capability**
  - High-speed ship capable of transporting cargo and personnel across intra-theater distances
  - Can transport combat ready personnel and equipment
  - Includes flight deck for helicopter operations and offload ramp for vehicles
  - Can offload in austere ports without reliance on infrastructure

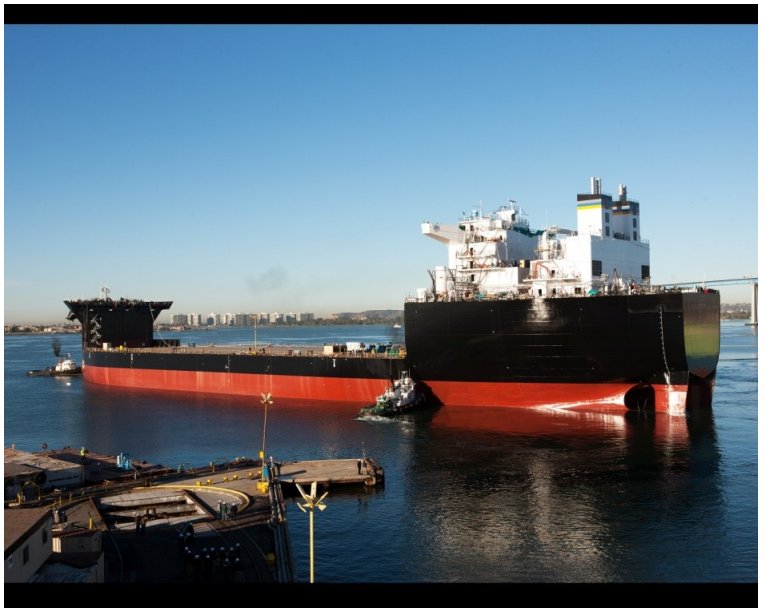
- **Program Status**
  - Construction contracts awarded for ten ships to Austal
  - JHSV 1 delivered Dec 2012 and on first deployment; JHSV 2 delivered Jun 2013; JHSV 3 delivered Mar 2014, JHSV 4 builders trials Jun 2014
  - JHSV 5 and 6 under construction



Material Solution Analysis	Technology Maturation & Risk	Engineering & Manufacturi Development	Production & Deployment	Operations & Support

Mobile Landing Platform (MLP)

- **Program Capability**
  - Provide an interface between Maritime Prepositioning Squadrons and shore connectors
  - Facilitates delivery of combat ready forces from the sea base in support of reinforcement missions.
  - Use commercial-based designs to keep development costs low
- **Program Status**
  - Awarded DD&C Contract for MLP 1 and MLP 2 to NASSCO in Apr 11; MLP 3 awarded in Feb 12
  - MLP 1 delivered May 2013; MLP 2 delivered Mar 2014
  - MLP 1 LCAC interface tests Jun 2014
  - 3rd and 4th ship to be configured as Afloat Forward Staging Base (AFSB) variant
  - Contract mod for MLP 3 AFSB awarded Mar 2014
  - 5th AFSB variant requested in PB15 in FY17



Material Solution Analysis	Technology Maturation & Risk	Engineering & Manufacturi Development	Production & Deployment	Operations & Support

PEO Ships Priorities

Affordability

- Focus on cost and execution performance and production
- Mature design plans before start of construction
- Focus on long-term contracts (Multi-Year Procurement, Block Buy)
- Fixed-price type contracts
- Active Navy management of material (Government/Contractor Furnished Equipment)
- Fee aligned with risk
- Flexible, open designs enabled by defined interfaces and modularity

Wholeness

- New ships and shipboard systems must arrive at the Fleet materially ready to operate
- Includes ILS (Technical documents, PMS, and Outfitting)
- Training
- Quality

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Questions?